

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate filed by me or my assignee disclosing the subject matter claimed in this application and having a filing date (1) before that of the application on which priority is claimed, or (2) if no priority claimed, before the filing date of this application:

I hereby claim domestic priority benefit under 35 U.S.C. 120/365 of the indicated United States applications listed below and PCT international applications listed above or below and, if this is a continuation-in-part (CIP) application, insofar as the subject matter disclosed and claimed in this application is in addition to that disclosed in such prior applications, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of each such prior application and the national or PCT international filing date of this application:

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1. INVENTOR'S SIGNATURE: Andrew J Kempton DATE: 13 August 2003

Inventor's Name (typed)	<u>Andrew</u>	<u>J</u>	<u>Kempton</u>	<u>United Kingdom</u>
	First	Middle Initial	Family Name	Country of Citizenship
Residence(City)	<u>Derby</u>	(State)	<u>Derbyshire</u>	
Post Office Address (Include Zip Code)	<u>Broughton House, London Road, Shardlow, Derby, DE72 2HA, England</u>			

2. INVENTOR'S SIGNATURE: Nicholas J Baker DATE: 13 August 2003

Inventor's Name (typed) Nicholas J Baker United Kingdom

First Middle Initial Family Name Country of Citizenship

Residence (City) Nottingham (State) Nottinghamshire

Post Office Address (Include Zip Code) Apartment 13, Raleigh Square, Raleigh Street, Nottingham, NG7 4DN, England

3. INVENTOR'S SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

Inventor's Name (typed)	Alan	McAlpine	United Kingdom
	First	Middle Initial	Family Name
Residence (City)	Southampton	(State)	Hampshire
Post Office Address (Include Zip Code)	90 Chessel Avenue, Bitterne, Southampton, SO19 4DX, England		

4. INVENTOR'S SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
Inventor's Name (typed) Jeremy Astley  

First Middle Initial Family Name

United Kingdom  
Residence(City) Southampton (State) Hampshire Country of Citizenship  
Post Office Address (Include Zip Code) 34 Arlott Court, Southampton, SO15 2RZ, England

**RULE 63 (37 C.F.R. 1.63)**  
**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION IN THE**  
**UNITED STATES PATENT AND TRADEMARK OFFICE**

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the INVENTION ENTITLED ACOUSTIC LINER FOR GAS TURBINE ENGINE the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate filed by me or my assignee disclosing the subject matter claimed in this application and having a filing date (1) before that of the application on which priority is claimed, or (2) if no priority claimed, before the filing date of this application:

<u>PRIOR FOREIGN APPLICATION(S)</u>			<u>Date first Laid-</u>	<u>Date Patented</u>	<u>Priority Claimed</u>
<u>Number</u>	<u>Country</u>	<u>Day/MONTH/Year Filed</u>	<u>Open or Published</u>	<u>or Granted</u>	<u>Yes No</u>
0223697.4	GB	14 October 2002			X

I hereby claim domestic priority benefit under 35 U.S.C. 120/365 of the indicated United States applications listed below and PCT international applications listed above or below and, if this is a continuation-in-part (CIP) application, insofar as the subject matter disclosed and claimed in this application is in addition to that disclosed in such prior applications, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of each such prior application and the national or PCT international filing date of this application:

<u>PRIOR U.S. PROVISIONAL, NONPROVISIONAL AND/OR PCT APPLICATION(S)</u>			<u>Status</u>	<u>Priority Claimed</u>
<u>Application No.(series code/serial no.)</u>	<u>Day/MONTH/Year Filed</u>	<u>pending, abandoned, patented</u>	<u>Yes</u>	<u>No</u>

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the registered practitioners represented by **Customer No.: 20736** to prosecute this application and transact all business in the U.S. Patent and Trademark Office in connection therewith. Direct all correspondence to **Manelli, Denison & Selter PLLC at Customer No.: 20736**.

1. INVENTOR'S SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
 Inventor's Name (typed) Andrew J Kempton United Kingdom  
                                     First                      Middle Initial                      Family Name                      Country of Citizenship  
 Residence(City) Derby (State) Derbyshire  
 Post Office Address (Include Zip Code) Broughton House, London Road, Shardlow, Derby, DE72 2HA, England

2. INVENTOR'S SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
 Inventor's Name (typed) Nicholas J Baker United Kingdom  
                                     First                      Middle Initial                      Family Name                      Country of Citizenship  
 Residence (City) Nottingham (State) Nottinghamshire  
 Post Office Address (Include Zip Code) Apartment 13, Raleigh Square, Raleigh Street, Nottingham, NG7 4DN, England

3. INVENTOR'S SIGNATURE: Alan McAlpine DATE: 22/09/2003  
 Inventor's Name (typed) Alan McAlpine United Kingdom  
                                     First                      Middle Initial                      Family Name                      Country of Citizenship  
 Residence (City) Southampton (State) Hampshire  
 Post Office Address (Include Zip Code) 90 Chessel Avenue, Bitterne, Southampton, S019 4DX, England

4. INVENTOR'S SIGNATURE: Richard J Astley DATE: 22/09/2003  
 Inventor's Name (typed) Jeremy Astley United Kingdom  
                                     First                      Middle Initial                      Family Name                      Country of Citizenship  
 Residence(City) Southampton (State) Hampshire  
 Post Office Address (Include Zip Code) 34 Arlott Court, Southampton, SO15 3RZ, England

**RECORDATION FORM COVER SHEET  
PATENT APPLICATIONS & PATENTS ONLY**

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS:

SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

## 1. NAME OF CONVEYING PARTY(IES) (ASSIGNOR(S)):

 1. Andrew John Kempton  
 2. Nicholas John Baker

 3. Alan McAlpine  
 4. Jeremy Astley  
 5.
ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? ☐ YES☒ NO

## 2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: Rolls-Royce plc, a British company

ADDRESS: 65 Buckingham Gate, London SW1E 6 AT, England

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? ☐ YES☒ NO

## 3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation -- multiple copies of same Assignment signed by different inventors is one document)

☒ ASSIGNMENT OF ☒ WHOLE ☐ PART INTEREST☐ CHANGE OF NAME ☐ VERIFIED TRANSLATION☐ SECURITY ☐ MERGER ☐ OTHER:

EXEC. DATE: 8/13/2003 and 9/22/2003

## 4. EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (NOTE: IF DATES ↑↓ DIFFER SEE ATTY!): same

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? ☐ YES☒ NO

A. PAT. APP. NO.(S) series code/serial no	M#	1ST INVENTOR if not in item 1	B. PATENT NO(S)	M#	1ST INVENTOR if not in item 1
	84699				

## 5. Name &amp; Address of Party to Whom Correspondence Concerning Document Should be Mailed:

 W. Warren Taltavull  
 Manelli, Denison & Selter, PLLC  
 Seventh Floor  
 2000 M Street, N.W.  
 Washington, D.C. 20036

## 6. NUMBER INVOLVED:

APPLNS 1 + PATS:    = TOTAL 1

## 7. AMOUNT OF FEE ENCLOSED: (Code 581)

ABOVE TOTAL X \$40 = \$ 40

## 5.5 ATTY DKT:

84699

3028 TAL

MATTER NO.

CLIENT REF.

## 8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 50-0687

UNDER ORDER NO

84699

dup. sheet not required

CLIENT NO.

MATTER NO.

## 9. STATEMENT AND SIGNATURE.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Signature

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)

3

Attorney: W. Warren Taltavull

Reg. No. 25647

Atty/Sec: TEL: (202) 261-1047

Date: September 30, 2003

Fax: (202) 887-0336

Please return signed/recorded to:

USA Patent Appln.  
Sole or JointFor Inventions made outside USA  
executed with or after applicationManelli, Denison & Selter PLLC  
2000 M Street N.W. 7<sup>th</sup> Floor  
Washington, D.C. 20036

Atty. Dkt.	73155	2547
	M#	Client Ref.

NONPROVISIONAL

## ASSIGNMENT OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to the undersigned, to wit:

INSERT  
NAME(S) OF  
INVENTOR(S)

(1) Andrew John Kempton	(4) Jeremy Astley
(2) Nicholas John Baker	(5)
(3) Alan McApline	[ ] X box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT  
NAME(S) OF  
ASSIGNEE(S)  
& ADDRESS(ES)

Rolls-Royce plc, a British Company of

65 Buckingham Gate

London

SW1E 6AT

England

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF  
INVENTION

ACOUSTIC LINER FOR GAS TURBINE ENGINE

For which the undersigned executed an application for Letters Patent of the United States of America:

NOTE

(A) ☒ even date herewith

(COMPLETE)

(B) [ ] on \_\_\_\_\_

LINES A,B, AND/OR C)

(C) [ ] in U.S. Application No. \_\_\_\_\_ / \_\_\_\_\_ filed \_\_\_\_\_

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE → → The undersigned hereby authorize(s) Manelli, Denison &amp; Selter PLLC, of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

**INVENTOR(S)****DATE SIGNED****WITNESSES**1) Andrew J Kempton  
Name: Andrew John Kempton13 August 2003P. J. Hapner  
Neville C. Pollard2) Nicholas John Baker  
Name: Nicholas John Baker13 August 20033) \_\_\_\_\_  
Name: Alan McApline4) \_\_\_\_\_  
Name: Jeremy Astley5) \_\_\_\_\_  
Name: \_\_\_\_\_

IF ADDITIONAL INVENTORS, check box [ ] and continue on page 2.

Please return signed/recorded to:

USA Patent Appln.  
Sole or JointFor Inventions made outside USA  
executed with or after applicationManelli, Denison & Selter PLLC  
2000 M Street N.W. 7<sup>th</sup> Floor  
Washington, D.C. 20036

Atty. Dkt.	73155	2547
	M#	Client Ref.

**NONPROVISIONAL****ASSIGNMENT  
OF NONPROVISIONAL APPLICATION****NONPROVISIONAL**

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to the undersigned, to wit:

INSERT  
NAME(S) OF  
INVENTOR(S)

(1) Andrew John Kempton	(4) Jeremy Astley
(2) Nicholas John Baker	(5)
(3) Alan McAlpine	[ ] X box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT  
NAME(S) OF  
ASSIGNEE(S)  
& ADDRESS(ES)

Rolls-Royce plc, a British Company of

65 Buckingham Gate

London

SW1E 6AT

England

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF  
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LINES A,B, AND/OR C)

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**INVENTOR(S)****DATE SIGNED****WITNESSES**

1) Name: Andrew John Kempton

2) Name: Nicholas John Baker

3) Name: Alan McAlpine

4) Name: Jeremy Astley

5) Name: \_\_\_\_\_

22/9/2003

22/9/2003

*[Signature]*  
R. H. SELF

*[Signature]*  
SUSAN S BRINDLE

IF ADDITIONAL INVENTORS, check box [ ] and continue on page 2.